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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/528,180

10/06/2005

Andre Barkowski

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EXAMINER

WEISKOPF, MARIE

ART UNIT

PAPER NUMBER

3664

MAIL DATE

DELIVERY MODE

07/31/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/528,180	<b>Applicant(s)</b> BARKOWSKI ET AL.	
	<b>Examiner</b> MARIE A. WEISKOPF	<b>Art Unit</b> 3664	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 11-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 11-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 March 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. ____.                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>3/17/05</u> .   | 6) <input type="checkbox"/> Other: ____.                          |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 11-16 and 19-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Yuda et al (US 2002/0049534).

- In regard to claim 11, Yuda et al discloses a navigational device for guiding a vehicle within a network of traffic routes, comprising:
  - A processing unit for calculating a travel route to a destination (paragraphs 22 and 60)
  - A display for displaying a guide object, a movement of the guide object along the calculated travel route being displayed in relation to a traffic route, whereby the movement of the guide object represents driving maneuvers to be performed by a driver of the vehicle to reach the destination (paragraphs 61 and 79)
- In regard to claim 12, wherein the guide object includes a vehicle image (paragraph 79)

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- In regard to claim 13, wherein the guide object is displayed at a selected distance in front of a current position of the vehicle on the travel route in relation to the traffic route (paragraph 61)
- In regard to claim 14, wherein the display is configured to superimpose the guide object on the traffic route, within a field of view of a driver of the vehicle (paragraph 61 and 79)
- In regard to claim 15, further comprising an arrangement for representing on the display an area surrounding the traffic route. (paragraph 61)
- In regard to claim 16, further comprising an arrangement for determining a traffic situation in front of the vehicle and an arrangement for adaptively controlling the movement of the guide object depending on the traffic situation (paragraph 65)
- In regard to claim 19, wherein the guide object includes a display area for displaying at least one of directional displays and warning displays associated with a driving maneuver to be performed (Fig. 8)
- In regard to claim 20, further comprising an arrangement for acoustically outputting driving instructions associated with the guide object (paragraph 60)

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 17 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yuda et al (US 2002/0049534) in view of Hall (US 6,233,125). Yuda et al fails to specifically disclose wherein the arrangement for determining the traffic situation sense other vehicles in an area surrounding the guided vehicle to determine the traffic situation and an arrangement for ascertaining a highest permissible speed, wherein the ascertained highest permissible speed is used for determining the traffic situation. Hall, however, discloses being able to monitor situations around the vehicle in order to determine the traffic situation and to avoid collisions. (Abstract) Although Hall is mostly geared toward determining collision situations, it would have been obvious to one having ordinary skill in the art at the time of the invention to include the monitoring around the vehicle for other vehicles and vehicle speeds in order to determine the traffic around the vehicle and further determine if steps needed to be taken to change the route.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARIE A. WEISKOPF whose telephone number is (571)272-6288. The examiner can normally be reached on Monday-Thursday between 7:00 AM and 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Khoi Tran can be reached on (571) 272-6919. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MW

/Khoi H Tran/

Supervisory Patent Examiner, Art Unit 3664